

DATE: March 23, 2001

Service Bulletin No. 549
Engineering Aspects are
FAA Approved

SUBJECT: Engine/Crankshaft Inspection

NOTE: Affects only 4-cylinder crankshafts in -360 series engines.

MODELS AFFECTED: See Attachment I for affected engine/crankshaft serial numbers.

NOTE

If any -360 series engine has had the crankshaft replaced after May 1, 1997, with a crankshaft shipped from the factory as spares between May 1, 1997, and April 30, 2000, then the crankshaft inspection is required.

TIME OF COMPLIANCE: Within the next 100 hours of operation but not to exceed 180 days from the date of this Service Bulletin.

Textron Lycoming has identified a potential metallurgical condition on a number of 4-cylinder crankshafts that shipped from the factory May 1, 1997 through April 30, 2000, either installed in -360 series engines or as spare parts. Engines and crankshafts on the attached lists are from the suspect lots. Textron Lycoming requires that these affected engines/crankshafts be inspected.

Textron Lycoming has certified individuals from selected maintenance facilities worldwide to perform a nondestructive inspection by a method that allows the crankshaft to be inspected without removing or disassembling the engine.

1. If the -360 engine has not had a crankshaft replaced after May 1, 1997, or if the engine serial number does not appear on Attachment I, then the engine is not affected by this Service Bulletin. Proceed to step 6.
2. If the engine has had a crankshaft replaced after May 1, 1997, or if the engine serial number is listed on Attachment I, please contact a conveniently located facility from the attached list, Attachment II to arrange for compliance with this Service Bulletin.
3. The maintenance facility will validate the engine and crankshaft serial numbers to Attachment I as affected by this Service Bulletin.
4. If the metallurgical inspection indicates that the crankshaft is acceptable, mark a letter E on the crankshaft flange adjacent to the serial number using a vibropeen or appropriate size metal stamp, and proceed to step 6.
5. If the metallurgical inspection results do not indicate that the crankshaft is acceptable, the individual performing the inspection should contact the factory immediately for additional instructions.
6. Make appropriate logbook entry of compliance.

WARRANTY:

The inspection must be performed at one of the certified facilities listed on Attachment II. Reimbursement is available for up to four (4) hours for airplanes and up to twelve (12) hours for helicopters for labor associated with this inspection procedure. Reimbursement will be through an authorized Textron Lycoming Distributor using the standard warranty procedure. **Warranty reimbursement for costs associated with compliance with Service Bulletin No. 549 expires on October 31, 2001.**

ATTACHMENT I – Page 1 – Service Bulletin No. 549

Engine Model	Engine S/N	Ship Date	C'shaft S/N
*	027325-51A	1-Jun-97	132910
*	027329-51A	1-Jun-97	132957
*	027330-51A	1-Jun-97	132949
*	027334-51A	1-Jun-97	132953
*	027341-51A	1-Jun-97	132956
*	027342-51A	1-Jun-97	132951
*	027345-51A	1-Jul-97	132969
*	027346-51A	1-Jul-97	132974
*	027347-51A	1-Jul-97	132972
*	027348-51A	1-Jul-97	132952
*	027349-51A	1-Jul-97	132954
*	027350-51A	1-Jul-97	132950
*	027356-51A	1-Jun-97	133066
*	027660-51A	1-Oct-99	V53791009
*	027749-51A	1-Jan-99	V53790799

* - These 15 engines were built as IO-360-L2A but may have been reconfigured into another model. Regardless of present model configuration, if crankshaft serial number is affected, the engine must comply with this Service Bulletin.

Engine Model	Engine S/N	Ship Date	C'shaft S/N
AEIO-360-A1A	019399-51A	4-Jun-97	132843
AEIO-360-A1B6	027590-51A	20-Nov-97	V53790154
AEIO-360-A1B6	027999-51A	28-Jan-99	V53794447
AEIO-360-A1E	027267-51A	21-May-97	132853
AEIO-360-A1E	027287-51A	2-Jul-97	132851
AEIO-360-A1E	027288-51A	27-Jun-97	32838
AEIO-360-A1E	027564-51A	25-Nov-97	132861
AEIO-360-A1E	027647-51A	23-Dec-97	133389
AEIO-360-A1E	027650-51A	17-Dec-97	133314
AEIO-360-A1E	027651-51A	17-Dec-97	33274
AEIO-360-A1E	027711-51A	26-Mar-98	V53792560
AEIO-360-B1F	027686-51A	30-Jan-98	133312
AEIO-360-B1H	027182-51A	11-Apr-97	132402
AEIO-360-B2F	024338-51A	26-Nov-97	V53791138
AEIO-360-B2F	024959-51A	16-Jun-97	132727
AEIO-360-B2F	027691-51A	26-Jan-98	133330
AEIO-360-B2F	027716-51A	25-Mar-98	V53792251
AEIO-360-B4A	022733-51A	24-Oct-97	V53790552
AEIO-360-H1B	027116-51A	12-Mar-97	132254
AEIO-360-H1B	027117-51A	12-Mar-97	132238
AEIO-360-H1B	027118-51A	11-Mar-97	132235
AEIO-360-H1B	027186-51A	11-Apr-97	132424
AEIO-360-H1B	027190-51A	25-Apr-97	132428
AEIO-360-H1B	027214-51A	22-May-97	132710
AEIO-360-H1B	027215-51A	22-May-97	132673
AEIO-360-H1B	027290-51A	13-Jun-97	132898
AEIO-360-H1B	027291-51A	13-Jun-97	132895
AEIO-360-H1B	027401-51A	26-Jul-97	133337
AEIO-360-H1B	027402-51A	25-Jul-97	133357
AEIO-360-H1B	027461-51A	26-Sep-97	V53790729
AEIO-360-H1B	027470-51A	26-Sep-97	V53790841
AEIO-360-H1B	027482-51A	26-Sep-97	V53790789
AEIO-360-H1B	027692-51A	20-Feb-98	V53792036
AEIO-360-H1B	027699-51A	20-Feb-98	V53792020
AEIO-360-H1B	027724-51A	21-Apr-98	V53792712
HIO-360-B1A	016084-51A	3-Jan-00	32859
HIO-360-D1A	010078-51A	18-Jul-97	132311
HIO-360-D1A	010395-51A	31-Jul-97	132328
HIO-360-D1A	022705-51A	12-Aug-97	132871
HIO-360-D1A	024634-51A	15-Jun-98	132309
HIO-360-D1A	025792-51A	17-Apr-97	132312
HIO-360-D1A	027183-51A	30-May-97	132307
HIO-360-F1AD	028200-51A	1-Apr-99	V32366
HO-360-C1A	027628-36A	1-Aug-98	V53792286
HO-360-C1A	035949-36A	30-Jan-98	V53791991
IO-360-A1A	008601-51A	22-Apr-98	133370
IO-360-A1A	011875-51A	21-Jul-97	132856
IO-360-A1A	012465-51A	21-Aug-97	132865
IO-360-A1A	013532-51A	23-Sep-97	132864
IO-360-A1A	014807-51A	29-May-97	132841

Engine Model	Engine S/N	Ship Date	C'shaft S/N
IO-360-A1A	015409-51A	21-May-97	132852
IO-360-A1A	023515-51A	26-Jan-98	133419
IO-360-A1A	026135-51A	15-Dec-97	133372
IO-360-A1B	024373-51A	22-Dec-97	33331
IO-360-A1B6	027375-51A	25-Jul-97	V32951
IO-360-A1B6	027997-51A	8-Sep-98	V53794463
IO-360-A1B6	028062-51A	29-Oct-98	V53794450
IO-360-A1B6D	027207-51A	14-Feb-00	132677
IO-360-A1D6	027693-51A	17-Feb-98	V53792019
IO-360-A3B6	027388-51A	1-Jun-97	133279
IO-360-A3B6	027545-51A	1-Aug-99	V53791128
IO-360-A3B6	027701-51A	19-Mar-98	V53792025
IO-360-A3B6	027732-51A	1-May-98	V53790491
IO-360-B1B	003025-51A	27-Jan-00	132923
IO-360-B1B	012040-51A	17-Sep-97	V53790722
IO-360-B1B	021717-51A	26-Nov-97	V53790718
IO-360-B1B	023627-51A	15-Dec-97	V53790809
IO-360-B1B	025120-51A	23-Aug-97	133387
IO-360-B1E	001617-51A	7-May-97	132701
IO-360-B1E	011039-51A	12-May-98	V53792042
IO-360-B1E	011908-51A	29-Jun-98	V53790787
IO-360-B1E	027184-51A	10-Apr-97	132379
IO-360-B1E	027635-51A	10-Dec-97	V53790834
IO-360-B1E	027636-51A	10-Dec-97	V53790691
IO-360-B1E	027653-51A	22-Dec-97	V53791597
IO-360-B1F	027301-51A	24-Jun-97	132914
IO-360-B1F	027503-51A	19-Sep-97	V53790795
IO-360-B1F	027611-51A	18-Nov-97	V53791509
IO-360-B1G6	027654-51A	23-Dec-97	V53791776
IO-360-B1G6	027733-51A	1-May-98	V53791734
IO-360-C1A	027672-51A	22-Jan-98	133371
IO-360-C1C	001151-51A	2-Jun-97	132862
IO-360-C1C	002097-51A	23-Dec-97	V33426
IO-360-C1C	011314-51A	23-Sep-97	33414
IO-360-C1C	012438-51A	20-Jun-97	132845
IO-360-C1C	012564-51A	25-Nov-97	33333
IO-360-C1C	013608-51A	23-Sep-97	132859
IO-360-C1C	018925-51A	23-Dec-97	33315
IO-360-C1C	019773-51A	24-Jun-97	132854
IO-360-C1C	019957-51A	19-Nov-97	133373
IO-360-C1C	019986-51A	25-Nov-97	133287
IO-360-C1C	020199-51A	23-May-97	132847
IO-360-C1C	020200-51A	18-Nov-97	133313
IO-360-C1C	022767-51A	13-Jun-97	132839
IO-360-C1C	022971-51A	15-Dec-97	33275
IO-360-C1C	023361-51A	2-Jun-97	132844
IO-360-C1C	023374-51A	23-May-97	132848
IO-360-C1C	024389-51A	26-Mar-98	V53792564
IO-360-C1C	025110-51A	30-May-97	132842
IO-360-C1C	025875-51A	23-May-97	32840
IO-360-C1C6	027171-51A	20-Nov-00	132414
IO-360-C1C6	027439-51A	21-Oct-98	133405
IO-360-L2A	007033-51A	29-Jul-00	132762
IO-360-L2A	015080-51A	13-Jun-00	132757
IO-360-L2A	018688-51A	2-Sep-99	32825
IO-360-L2A	021416-51A	9-Jun-00	132947
IO-360-L2A	023243-51A	8-Jun-00	132791
IO-360-L2A	027119-51A	17-Mar-97	132251
IO-360-L2A	027120-51A	22-Apr-97	132248
IO-360-L2A	027121-51A	17-Mar-97	132274
IO-360-L2A	027122-51A	19-Mar-97	132249
IO-360-L2A	027123-51A	17-Mar-97	132264
IO-360-L2A	027124-51A	22-Apr-97	132258
IO-360-L2A	027126-51A	22-Apr-97	132267
IO-360-L2A	027127-51A	17-Mar-97	132367
IO-360-L2A	027128-51A	17-Mar-97	132283
IO-360-L2A	027129-51A	17-Mar-97	132277
IO-360-L2A	027130-51A	19-Mar-97	132268
IO-360-L2A	027131-51A	22-Apr-97	132282
IO-360-L2A	027132-51A	22-Apr-97	132276

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Engine Model	Engine S/N	Ship Date	C'shaft S/N
IO-360-L2A	027133-51A	18-Mar-97	132278
IO-360-L2A	027134-51A	18-Mar-97	132279
IO-360-L2A	027135-51A	17-Mar-97	132261
IO-360-L2A	027137-51A	22-Apr-97	132270
IO-360-L2A	027138-51A	22-Apr-97	132259
IO-360-L2A	027142-51A	22-Apr-97	132280
IO-360-L2A	027143-51A	19-Mar-97	132269
IO-360-L2A	027144-51A	19-Mar-97	132281
IO-360-L2A	027145-51A	14-Apr-97	132284
IO-360-L2A	027146-51A	21-Apr-97	132263
IO-360-L2A	027147-51A	21-Mar-97	132366
IO-360-L2A	027148-51A	21-Mar-97	132372
IO-360-L2A	027149-51A	21-Apr-97	132370
IO-360-L2A	027150-51A	21-Mar-97	132365
IO-360-L2A	027151-51A	21-Mar-97	132364
IO-360-L2A	027152-51A	21-Mar-97	132373
IO-360-L2A	027154-51A	21-Mar-97	132369
IO-360-L2A	027155-51A	21-Mar-97	132362
IO-360-L2A	027156-51A	27-Mar-97	132360
IO-360-L2A	027157-51A	21-Mar-97	132363
IO-360-L2A	027158-51A	21-Apr-97	132368
IO-360-L2A	027159-51A	29-Mar-97	132371
IO-360-L2A	027160-51A	29-Mar-97	132361
IO-360-L2A	027163-51A	27-Mar-97	132412
IO-360-L2A	027164-51A	29-Mar-97	132413
IO-360-L2A	027165-51A	29-Mar-97	132375
IO-360-L2A	027166-51A	28-Mar-97	132415
IO-360-L2A	027167-51A	29-Mar-97	132421
IO-360-L2A	027168-51A	28-Mar-97	132381
IO-360-L2A	027169-51A	27-Mar-97	132406
IO-360-L2A	027170-51A	28-Mar-97	132404
IO-360-L2A	027171-51A	29-Mar-97	132414
IO-360-L2A	027172-51A	29-Mar-97	132403
IO-360-L2A	027173-51A	29-Mar-97	132418
IO-360-L2A	027174-51A	29-Mar-97	132374
IO-360-L2A	027175-51A	29-Mar-97	132417
IO-360-L2A	027176-51A	21-Apr-97	132436
IO-360-L2A	027177-51A	2-Apr-97	132433
IO-360-L2A	027178-51A	2-Apr-97	132407
IO-360-L2A	027179-51A	2-Apr-97	132426
IO-360-L2A	027180-51A	10-Apr-97	132420
IO-360-L2A	027181-51A	21-Apr-97	132419
IO-360-L2A	027185-51A	2-Apr-97	132425
IO-360-L2A	027191-51A	25-Apr-97	132378
IO-360-L2A	027195-51A	19-May-97	132694
IO-360-L2A	027196-51A	9-May-97	132669
IO-360-L2A	027197-51A	14-May-97	132657
IO-360-L2A	027198-51A	14-May-97	132687
IO-360-L2A	027200-51A	15-May-97	132670
IO-360-L2A	027201-51A	21-May-97	132692
IO-360-L2A	027202-51A	8-May-97	132661
IO-360-L2A	027203-51A	9-May-97	132682
IO-360-L2A	027204-51A	9-May-97	132693
IO-360-L2A	027205-51A	8-May-97	132680
IO-360-L2A	027206-51A	14-May-97	132739
IO-360-L2A	027208-51A	19-May-97	132716
IO-360-L2A	027209-51A	19-May-97	132671
IO-360-L2A	027210-51A	21-May-97	132676
IO-360-L2A	027211-51A	14-May-97	132742
IO-360-L2A	027212-51A	19-May-97	32711
IO-360-L2A	027213-51A	21-May-97	132681
IO-360-L2A	027216-51A	15-May-97	132734
IO-360-L2A	027217-51A	21-May-97	132735
IO-360-L2A	027218-51A	6-Jun-97	132704
IO-360-L2A	027219-51A	19-May-97	132768
IO-360-L2A	027221-51A	21-May-97	132771
IO-360-L2A	027222-51A	2-May-97	32782
IO-360-L2A	027223-51A	14-May-97	132775
IO-360-L2A	027224-51A	19-May-97	132770

Engine Model	Engine S/N	Ship Date	C'shaft S/N
IO-360-L2A	027225-51A	3-Jun-97	132774
IO-360-L2A	027226-51A	6-Jun-97	132780
IO-360-L2A	027227-51A	14-May-97	132719
IO-360-L2A	027228-51A	15-Jul-97	132720
IO-360-L2A	027229-51A	15-May-97	132777
IO-360-L2A	027230-51A	14-May-97	132717
IO-360-L2A	027231-51A	19-May-97	132779
IO-360-L2A	027232-51A	22-May-97	132740
IO-360-L2A	027233-51A	14-May-97	132705
IO-360-L2A	027234-51A	15-May-97	132695
IO-360-L2A	027236-51A	19-May-97	132758
IO-360-L2A	027237-51A	15-May-97	132776
IO-360-L2A	027238-51A	19-May-97	132785
IO-360-L2A	027242-51A	3-Jun-97	132773
IO-360-L2A	027245-51A	3-Jun-97	132769
IO-360-L2A	027247-51A	21-May-97	132772
IO-360-L2A	027248-51A	22-May-97	132707
IO-360-L2A	027249-51A	21-May-97	132796
IO-360-L2A	027250-51A	3-Jun-97	132783
IO-360-L2A	027251-51A	21-May-97	32712
IO-360-L2A	027252-51A	3-Jun-97	132703
IO-360-L2A	027253-51A	21-May-97	132706
IO-360-L2A	027255-51A	22-May-97	132741
IO-360-L2A	027256-51A	23-May-97	132721
IO-360-L2A	027257-51A	6-Jun-97	32713
IO-360-L2A	027258-51A	23-May-97	132788
IO-360-L2A	027259-51A	19-May-97	132793
IO-360-L2A	027260-51A	16-Jun-97	132786
IO-360-L2A	027261-51A	23-May-97	132790
IO-360-L2A	027262-51A	22-May-97	132858
IO-360-L1A	027263-51A	6-Jun-97	132792
IO-360-L2A	027264-51A	9-Jun-97	132787
IO-360-L2A	027265-51A	6-Jun-97	132791
IO-360-L2A	027266-51A	22-May-97	132794
IO-360-L2A	027268-51A	27-Jun-97	132685
IO-360-L2A	027269-51A	6-Jun-97	132757
IO-360-L2A	027270-51A	9-Jun-97	132723
IO-360-L2A	027271-51A	3-Jun-97	132736
IO-360-L2A	027272-51A	22-May-97	132781
IO-360-L2A	027273-51A	23-May-97	132737
IO-360-L2A	027274-51A	6-Jun-97	132763
IO-360-L2A	027275-51A	22-May-97	32729
IO-360-L2A	027276-51A	6-Jun-97	132726
IO-360-L2A	027277-51A	6-Jun-97	132659
IO-360-L2A	027278-51A	27-Jun-97	132762
IO-360-L2A	027279-51A	6-Jun-97	132674
IO-360-L2A	027280-51A	18-Jul-97	132724
IO-360-L2A	027281-51A	23-May-97	132714
IO-360-L2A	027282-51A	6-Jun-97	132738
IO-360-L2A	027283-51A	8-Jul-97	132795
IO-360-L2A	027284-51A	6-Jun-97	132784
IO-360-L2A	027285-51A	23-May-97	132778
IO-360-L2A	027293-51A	13-Jun-97	132924
IO-360-L2A	027294-51A	13-Jun-97	132923
IO-360-L2A	027295-51A	13-Jun-97	132942
IO-360-L2A	027298-51A	13-Jun-97	132916
IO-360-L2A	027299-51A	13-Jun-97	132904
IO-360-L2A	027302-51A	19-Jun-97	132909
IO-360-L2A	027303-51A	1-Jun-97	132933
IO-360-L2A	027304-51A	15-Jul-97	132943
IO-360-L2A	027305-51A	16-Jun-97	132908
IO-360-L2A	027306-51A	8-Jul-97	132906
IO-360-L2A	027307-51A	19-Jun-97	132907
IO-360-L2A	027308-51A	16-Jun-97	132944
IO-360-L2A	027309-51A	16-Jun-97	132938
IO-360-L2A	027310-51A	16-Jun-97	132917
IO-360-L2A	027311-51A	13-Jun-97	132391
IO-360-L2A	027312-51A	27-Jun-97	132939
IO-360-L2A	027313-51A	16-Jun-97	32932

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Engine Model	Engine S/N	Ship Date	C'shaft S/N
IO-360-L2A	027314-51A	16-Jun-97	132927
IO-360-L2A	027315-51A	16-Jun-97	132905
IO-360-L2A	027316-51A	19-Jun-97	132963
IO-360-L2A	027317-51A	27-Jun-97	132958
IO-360-L2A	027318-51A	27-Jun-97	132961
IO-360-L2A	027319-51A	27-Jun-97	132967
IO-360-L2A	027320-51A	15-Jul-97	132962
IO-360-L2A	027321-51A	13-Aug-97	132921
IO-360-L2A	027322-51A	27-Jun-97	132925
IO-360-L2A	027323-51A	15-Jul-97	132926
IO-360-L2A	027324-51A	27-Jun-97	132915
IO-360-L2A	027326-51A	19-Jun-97	132960
IO-360-L2A	027327-51A	27-Jun-97	132968
IO-360-L2A	027328-51A	27-Jun-97	132964
IO-360-L2A	027332-51A	19-Jun-97	32959
IO-360-L2A	027333-51A	19-Jun-97	132966
IO-360-L2A	027335-51A	8-Jul-97	32955
IO-360-L2A	027343-51A	10-Jul-97	132965
IO-360-L2A	027351-51A	15-Jul-97	132975
IO-360-L2A	027352-51A	21-Jul-97	132981
IO-360-L2A	027353-51A	10-Jul-97	132980
IO-360-L2A	027354-51A	10-Jul-97	133070
IO-360-L2A	027355-51A	10-Jul-97	133069
IO-360-L2A	027357-51A	15-Jul-97	133062
IO-360-L2A	027358-51A	8-Jul-97	133068
IO-360-L2A	027359-51A	8-Jul-97	133065
IO-360-L2A	027360-51A	1-Aug-97	133037
IO-360-L2A	027361-51A	15-Jul-97	132979
IO-360-L2A	027362-51A	10-Jul-97	133067
IO-360-L2A	027363-51A	10-Jul-97	133063
IO-360-L2A	027364-51A	8-Jul-97	133071
IO-360-L2A	027365-51A	15-Jul-97	132976
IO-360-L2A	027366-51A	10-Jul-97	132978
IO-360-L2A	027367-51A	15-Jul-97	132977
IO-360-L2A	027368-51A	8-Jul-97	132982
IO-360-L2A	027369-51A	8-Jul-97	133064
IO-360-L2A	027370-51A	8-Jul-97	133078
IO-360-L2A	027371-51A	10-Jul-97	133079
IO-360-L2A	027372-51A	8-Jul-97	133080
IO-360-L2A	027374-51A	18-Jul-97	133310
IO-360-L2A	027379-51A	18-Jul-97	33297
IO-360-L2A	027381-51A	18-Jul-97	133306
IO-360-L2A	027383-51A	18-Jul-97	133281
IO-360-L2A	027385-51A	1-Jul-97	133293
IO-360-L2A	027386-51A	18-Jul-97	133304
IO-360-L2A	027387-51A	21-Jul-97	133302
IO-360-L2A	027390-51A	1-Jun-97	133298
IO-360-L2A	027391-51A	1-Aug-97	132948
IO-360-L2A	027394-51A	1-Jul-97	133339
IO-360-L2A	027395-51A	18-Aug-97	133338
IO-360-L2A	027396-51A	23-Aug-97	133341
IO-360-L2A	027397-51A	1-Jul-97	133319
IO-360-L2A	027399-51A	1-Jul-97	133328
IO-360-L2A	027405-51A	1-Aug-97	133362
IO-360-L2A	027406-51A	1-Aug-97	133357
IO-360-L2A	027408-51A	1-Aug-97	133390
IO-360-L2A	027410-51A	13-Aug-97	33383
IO-360-L2A	027412-51A	1-Aug-97	133382
IO-360-L2A	027413-51A	13-Aug-97	133409
IO-360-L2A	027414-51A	18-Aug-97	133374
IO-360-L2A	027415-51A	13-Aug-97	133379
IO-360-L2A	027417-51A	13-Aug-97	133385
IO-360-L2A	027418-51A	18-Aug-97	133327
IO-360-L2A	027419-51A	13-Aug-97	133394
IO-360-L2A	027420-51A	21-Aug-97	133413
IO-360-L2A	027421-51A	13-Aug-97	V53790702
IO-360-L2A	027423-51A	13-Aug-97	133386
IO-360-L2A	027424-51A	13-Aug-97	133364
IO-360-L2A	027425-51A	13-Aug-97	133408

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IO-360-L2A	027426-51A	18-Aug-97	133392
IO-360-L2A	027427-51A	18-Aug-97	33397
IO-360-L2A	027432-51A	18-Aug-97	133411
IO-360-L2A	027433-51A	21-Aug-97	133399
IO-360-L2A	027436-51A	4-Sep-97	133403
IO-360-L2A	027437-51A	4-Sep-97	133381
IO-360-L2A	027438-51A	4-Sep-97	133388
IO-360-L2A	027440-51A	16-Sep-97	133407
IO-360-L2A	027441-51A	23-Aug-97	133406
IO-360-L2A	027447-51A	4-Sep-97	V53790801
IO-360-L2A	027448-51A	8-Sep-97	133396
IO-360-L2A	027449-51A	8-Sep-97	V53790768
IO-360-L2A	027450-51A	8-Sep-97	V53790493
IO-360-L2A	027452-51A	10-Sep-97	V53790716
IO-360-L2A	027453-51A	4-Sep-97	V53790727
IO-360-L2A	027454-51A	18-Sep-97	V53790506
IO-360-L2A	027455-51A	8-Sep-97	V53790850
IO-360-L2A	027457-51A	10-Sep-97	V53790842
IO-360-L2A	027459-51A	8-Sep-97	V53790489
IO-360-L2A	027460-51A	27-Sep-97	V53790700
IO-360-L2A	027463-51A	10-Sep-97	V53790723
IO-360-L2A	027464-51A	18-Sep-97	33368
IO-360-L2A	027466-51A	10-Sep-97	V53790733
IO-360-L2A	027467-51A	10-Sep-97	V53790521
IO-360-L2A	027468-51A	15-Sep-97	V53790848
IO-360-L2A	027471-51A	27-Sep-97	V53790767
IO-360-L2A	027472-51A	15-Sep-97	V53790731
IO-360-L2A	027473-51A	15-Sep-97	V53790508
IO-360-L2A	027474-51A	15-Sep-97	V53790742
IO-360-L2A	027475-51A	10-Sep-97	V53790791
IO-360-L2A	027476-51A	16-Sep-97	V53790831
IO-360-L2A	027477-51A	10-Sep-97	V53790695
IO-360-L2A	027478-51A	15-Sep-97	V53790526
IO-360-L2A	027479-51A	15-Sep-97	V53790219
IO-360-L2A	027480-51A	23-Sep-97	V53790765
IO-360-L2A	027481-51A	18-Sep-97	V53790825
IO-360-L2A	027483-51A	16-Sep-97	V53790498
IO-360-L2A	027484-51A	15-Sep-97	V53790507
IO-360-L2A	027485-51A	16-Sep-97	V53790786
IO-360-L2A	027486-51A	15-Sep-97	V53790705
IO-360-L2A	027487-51A	15-Sep-97	V53790792
IO-360-L2A	027488-51A	15-Sep-97	V53790793
IO-360-L2A	027489-51A	18-Sep-97	V53790769
IO-360-L2A	027490-51A	16-Sep-97	V53790784
IO-360-L2A	027491-51A	16-Sep-97	V53790495
IO-360-L2A	027492-51A	15-Sep-97	V53790781
IO-360-L2A	027493-51A	18-Sep-97	V53790503
IO-360-L2A	027495-51A	15-Sep-97	V53790708
IO-360-L2A	027496-51A	16-Sep-97	V53790724
IO-360-L2A	027497-51A	16-Sep-97	V53790706
IO-360-L2A	027498-51A	23-Sep-97	V53790712
IO-360-L2A	027499-51A	16-Sep-97	V53790522
IO-360-L2A	027500-51A	31-Oct-97	V53790699
IO-360-L2A	027501-51A	1-Jul-99	V53790488
IO-360-L2A	027504-51A	27-Sep-97	V53790690
IO-360-L2A	027505-51A	1-Oct-99	V53790690
IO-360-L2A	027507-51A	27-Sep-96	V53790511
IO-360-L2A	027508-51A	1-Oct-99	V53791134
IO-360-L2A	027509-51A	1-Oct-97	V53790835
IO-360-L2A	027510-51A	27-Sep-97	V53790739
IO-360-L2A	027511-51A	18-Sep-97	V53790820
IO-360-L2A	027512-51A	1-Oct-97	V53790683
IO-360-L2A	027513-51A	1-Oct-97	V53790823
IO-360-L2A	027514-51A	23-Sep-97	V53791391
IO-360-L2A	027515-51A	3-Oct-97	V53790521
IO-360-L2A	027517-51A	3-Oct-97	V53790774
IO-360-L2A	027518-51A	1-Oct-97	V53790839
IO-360-L2A	027519-51A	1-Oct-97	V53790514
IO-360-L2A	027520-51A	31-Oct-97	V53790836

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IO-360-L2A	027521-51A	7-Oct-97	V53790827
IO-360-L2A	027522-51A	1-Oct-97	V53790704
IO-360-L2A	027523-51A	3-Oct-97	V53790504
IO-360-L2A	027524-51A	7-Oct-97	V53790501
IO-360-L2A	027525-51A	1-Oct-97	V53790806
IO-360-L2A	027526-51A	7-Oct-97	V53790670
IO-360-L2A	027527-51A	3-Oct-97	V53790842
IO-360-L2A	027528-51A	1-Oct-97	V53790513
IO-360-L2A	027529-51A	1-Oct-97	V53790529
IO-360-L2A	027531-51A	3-Oct-97	V53790847
IO-360-L2A	027523-51A	7-Oct-97	V53790780
IO-360-L2A	027533-51A	1-Oct-97	V53790844
IO-360-L2A	027534-51A	1-Oct-99	V53790585
IO-360-L2A	027535-51A	7-Oct-97	V53790530
IO-360-L2A	027536-51A	20-Oct-97	V53790545
IO-360-L2A	027537-51A	7-Oct-97	V53790719
IO-360-L2A	027538-51A	1-Oct-99	V53790686
IO-360-L2A	027539-51A	10-Oct-97	V53790547
IO-360-L2A	027540-51A	20-Oct-97	V53790546
IO-360-L2A	027541-51A	7-Oct-97	V53790541
IO-360-L2A	027542-51A	14-Oct-97	V53790543
IO-360-L2A	027543-51A	7-Oct-97	V53790710
IO-360-L2A	027550-51A	14-Oct-97	V53791048
IO-360-L2A	027552-51A	31-Oct-97	V53790535
IO-360-L2A	027553-51A	5-Nov-97	V53791012
IO-360-L2A	027554-51A	5-Nov-97	V53790551
IO-360-L2A	027556-51A	31-Oct-97	V53790995
IO-360-L2A	027557-51A	31-Oct-97	V53790991
IO-360-L2A	027560-51A	21-Nov-97	32764
IO-360-L2A	027561-51A	20-Oct-97	V53790996
IO-360-L2A	027562-51A	10-Nov-97	V53791045
IO-360-L2A	027569-51A	5-Nov-97	V53791006
IO-360-L2A	027570-51A	10-Nov-97	V53791001
IO-360-L2A	027572-51A	5-Nov-97	V53791147
IO-360-L2A	027578-51A	31-Oct-97	V53791134
IO-360-L2A	027578-51A	1-Aug-99	133078
IO-360-L2A	027579-51A	5-Nov-97	V53791000
IO-360-L2A	027581-51A	31-Oct-97	V53791128
IO-360-L2A	027582-51A	13-Nov-97	V53791139
IO-360-L2A	027583-51A	5-Nov-97	V53791131
IO-360-L2A	027585-51A	5-Nov-97	V53790692
IO-360-L2A	027589-51A	5-Nov-97	V53791007
IO-360-L2A	027591-51A	10-Nov-97	V53791003
IO-360-L2A	027592-51A	5-Nov-97	V53791137
IO-360-L2A	027593-51A	10-Nov-97	V53791049
IO-360-L2A	027594-51A	10-Nov-97	V53791142
IO-360-L2A	027595-51A	10-Nov-97	V53790550
IO-360-L2A	027597-51A	10-Nov-97	V53791540
IO-360-L2A	027599-51A	13-Nov-97	V53791513
IO-360-L2A	027600-51A	25-Nov-97	V53790720
IO-360-L2A	027601-51A	10-Nov-97	V53791504
IO-360-L2A	027602-51A	13-Nov-97	V53791502
IO-360-L2A	027603-51A	10-Nov-97	V53791514
IO-360-L2A	027604-51A	10-Nov-97	V53791507
IO-360-L2A	027605-51A	21-Nov-97	V53791470
IO-360-L2A	027606-51A	13-Nov-97	V53791500
IO-360-L2A	027608-51A	13-Nov-97	V53791456
IO-360-L2A	027609-51A	10-Nov-97	V53791127
IO-360-L2A	027610-51A	13-Nov-97	V53791499
IO-360-L2A	027612-51A	18-Nov-97	V53791516
IO-360-L2A	027613-51A	18-Nov-97	V53791512
IO-360-L2A	027614-51A	21-Nov-97	V53791518
IO-360-L2A	027615-51A	18-Nov-97	V53790853
IO-360-L2A	027616-51A	21-Nov-97	V53791132
IO-360-L2A	027618-51A	10-Dec-97	V53791455
IO-360-L2A	027619-51A	10-Dec-97	V53791458
IO-360-L2A	027620-51A	22-Dec-97	V53790538
IO-360-L2A	027621-51A	10-Dec-97	V53791497
IO-360-L2A	027622-51A	10-Dec-97	V53791508

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IO-360-L2A	027623-51A	10-Dec-97	V53791031
IO-360-L2A	027629-51A	10-Dec-97	V53791459
IO-360-L2A	027630-51A	10-Dec-97	V53791005
IO-360-L2A	027631-51A	10-Dec-97	V53790509
IO-360-L2A	027632-51A	10-Dec-97	V53790693
IO-360-L2A	027633-51A	10-Dec-97	V53791469
IO-360-L2A	027638-51A	10-Dec-97	V53791519
IO-360-L2A	027639-51A	10-Dec-97	V53791009
IO-360-L2A	027642-51A	10-Dec-97	V53790686
IO-360-L2A	027643-51A	15-Dec-97	V53791468
IO-360-L2A	027644-51A	10-Dec-97	V53790544
IO-360-L2A	027645-51A	10-Dec-97	V53790818
IO-360-L2A	027646-51A	10-Dec-97	V53790799
IO-360-L2A	027658-51A	15-Dec-97	V53791590
IO-360-L2A	027659-51A	15-Dec-97	V53791738
IO-360-L2A	027666-51A	22-Dec-97	V53791505
IO-360-L2A	027667-51A	18-Dec-97	V53791589
IO-360-L2A	027669-51A	22-Dec-97	V53790490
IO-360-L2A	027674-51A	22-Dec-97	V53791652
IO-360-L2A	027681-51A	19-Jan-98	V53792041
IO-360-L2A	027682-51A	19-Jan-98	V53791996
IO-360-L2A	027735-51A	9-Apr-98	V53792034
IO-360-L2A	027736-51A	9-Apr-98	V53791638
IO-360-L2A	027738-51A	1-May-98	V53792285
IO-360-L2A	027774-51A	1-May-98	V53792453
IO-360-L2A	027785-51A	22-May-98	V53790519
IO-360-L2A	027787-51A	20-May-98	V53792704
IO-360-L2A	028127-51A	29-Jan-99	V53790532
IO-360-L2A	028772-51A	25-Jan-00	V537914536
LO-360-A1G6D	000477-71A	18-Jan-00	V53792124
LO-360-A1G6D	000548-71A	7-Dec-99	V53792502
O-360-A1A	001334-36	23-May-97	132756
O-360-A1A	005023-36	21-May-97	132698
O-360-A1A	012944-36A	10-Nov-97	V53790773
O-360-A1A	020490-36A	21-Jan-98	V53790779
O-360-A1A	026781-36A	20-May-98	V53791129
O-360-A1A	032308-36A	30-May-98	133354
O-360-A1A	035548-36A	23-Apr-97	132383
O-360-A1A	035549-36A	23-Apr-97	132427
O-360-A1A	035550-36A	21-Apr-97	132380
O-360-A1A	035577-36A	7-May-97	132653
O-360-A1A	035598-36A	19-May-97	132745
O-360-A1A	035599-36A	19-May-97	132747
O-360-A1A	035600-36A	28-Jun-97	132754
O-360-A1A	035601-36A	21-May-97	132759
O-360-A1A	035602-36A	15-Jul-97	132732
O-360-A1A	035603-36A	27-Jan-97	132746
O-360-A1A	035608-36A	4-Jun-97	132766
O-360-A1A	035624-36A	25-Jun-97	132872
O-360-A1A	035625-36A	17-Jul-97	132894
O-360-A1A	035626-36A	28-Jun-97	132892
O-360-A1A	035627-36A	8-Jul-97	132890
O-360-A1A	035628-36A	26-Jul-97	132889
O-360-A1A	035661-36A	28-Jun-97	132971
O-360-A1A	035672-36A	24-Jul-97	133294
O-360-A1A	035673-36A	17-Jul-97	133301
O-360-A1A	035677-36A	17-Jul-97	133305
O-360-A1A	035689-36A	24-Jul-97	133340
O-360-A1A	035690-36A	24-Jul-97	133336
O-360-A1A	035707-36A	23-Aug-97	133375
O-360-A1A	035725-36A	20-Aug-97	133412
O-360-A1A	035727-36A	23-Aug-97	V5379453
O-360-A1A	035744-36A	10-Sep-97	V5379527
O-360-A1A	035770-36A	25-Sep-97	V5379534
O-360-A1A	035777-36A	1-Oct-97	V5379800
O-360-A1A	035785-36A	14-Oct-97	V5379849
O-360-A1A	035786-36A	7-Oct-97	V5379770
O-360-A1A	035793-36A	7-Oct-97	V5379728
O-360-A1A	-35808-36A	31-Oct-97	V5379792

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Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-A1A	035821-36A	24-Oct-97	V5379721
O-360-A1A	035836-36A	4-Nov-97	V5379992
O-360-A1A	035850-36A	14-Nov-97	V53791454
O-360-A1A	035851-36A	14-Nov-97	V53791463
O-360-A1A	035859-36A	26-Nov-97	V53791462
O-360-A1A	035870-36A	18-Nov-97	V53791503
O-360-A1A	035871-36A	19-Nov-97	V5379771
O-360-A1A	035892-36A	26-Nov-97	V53790798
O-360-A1A	035901-36A	11-Dec-97	V53791588
O-360-A1A	035920-36A	23-Dec-97	V53791651
O-360-A1A	035925-36A	29-Dec-97	V53791598
O-360-A1A	035945-36A	29-Jan-98	V53791995
O-360-A1A	035956-36A	26-Jan-98	V53792007
O-360-A1A	035957-36A	26-Jan-98	V53792033
O-360-A1A	035958-36A	26-Jan-98	V53792027
O-360-A1A	035960-36A	30-Jan-98	V53791136
O-360-A1A	035972-36A	18-Feb-98	V53791144
O-360-A1A	036026-36A	19-Mar-98	V53792335
O-360-A1A	036081-36A	3-Apr-98	V53792502
O-360-A1A	036088-36A	15-Apr-98	V53792475
O-360-A1AD	015812-36A	22-Jun-98	V53792711
O-360-A1D	002070-36	12-Feb-98	V53791528
O-360-A1D	013689-36A	6-May-97	132654
O-360-A1D	022787-36A	14-Feb-00	132716
O-360-A1D	023849-36A	23-Mar-98	V53792043
O-360-A1D	023987-36A	12-Sep-97	V53790815
O-360-A1D	032765-36A	16-Mar-98	V53790496
O-360-A1D	033925-36A	22-Apr-98	V53790709
O-360-A1F6	013019-36A	17-Dec-97	V53791467
O-360-A1G6D	035820-36A	27-May-99	V5379576
O-360-A1P	035578-36A	9-May-97	132656
O-360-A1P	035592-36A	9-May-97	132688
O-360-A1P	035593-36A	21-May-97	132660
O-360-A1P	035594-36A	13-May-97	132722
O-360-A1P	035629-36A	13-Jun-97	132903
O-360-A1P	035630-36A	24-Jun-97	132901
O-360-A1P	035631-36A	6-Jun-97	132900
O-360-A1P	035632-36A	9-Jun-97	132902
O-360-A1P	035633-36A	28-Jun-97	132888
O-360-A1P	035674-36A	23-Jul-97	133308
O-360-A1P	035675-36A	18-Jul-97	133281
O-360-A1P	035678-36A	21-Jul-97	133284
O-360-A1P	035712-36A	19-Aug-97	133325
O-360-A1P	035713-36A	12-Aug-97	133393
O-360-A1P	035716-36A	19-Aug-97	133404
O-360-A1P	035733-36A	26-Aug-97	V53790841
O-360-A1P	035745-36A	8-Sep-97	V5379843
O-360-A1P	035746-36A	11-Sep-97	V5379738
O-360-A1P	035747-36A	11-Sep-97	V5379846
O-360-A1P	035748-36A	25-Sep-97	V5379510
O-360-A1P	035791-36A	9-Oct-97	V5379743
O-360-A1P	035792-36A	3-Oct-97	V5379734
O-360-A1P	035794-36A	9-Oct-97	V5379518
O-360-A1P	035795-36A	13-Oct-97	V5379726
O-360-A1P	035797-36A	24-Oct-97	V5379725
O-360-A1P	035799-36A	17-Oct-97	V5379807
O-360-A1P	035838-36A	30-Oct-97	V53791008
O-360-A1P	035846-36A	7-Nov-97	V53791133
O-360-A1P	035847-36A	24-Nov-97	V53791123
O-360-A1P	035865-36A	20-Nov-97	V5379741
O-360-A1P	035878-36A	26-Nov-97	V53791506
O-360-A1P	035879-36A	10-Dec-97	V53791511
O-360-A1P	035881-36A	10-Dec-97	V5379997
O-360-A1P	035882-36A	12-Dec-97	V5379528
O-360-A1P	035930-36A	19-Jan-98	V53791457
O-360-A1P	035938-36A	26-Jan-98	V53791997
O-360-A1P	035968-36A	29-Jan-98	V53792048
O-360-A1P	035979-36A	10-Feb-98	V53792032

Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-A1P	035980-36A	26-Feb-98	V53792049
O-360-A1P	036055-36A	1-Apr-98	V53792248
O-360-A2A	037041-36A	27-Oct-00	132414
O-360-A2F	033409-36A	26-Jan-98	V53792024
O-360-A3A	000106-36	7-May-97	132689
O-360-A3A	005964-36A	27-Jan-98	V53792031
O-360-A3A	008175-36A	29-Jan-98	V53792028
O-360-A3A	011404-36A	14-Feb-00	132910
O-360-A3A	011962-36A	31-Jul-97	133361
O-360-A3A	014920-36A	5-May-97	132700
O-360-A3A	016317-36A	18-Sep-98	V53791515
O-360-A3A	016609-36A	11-Jun-97	132928
O-360-A3A	021295-36A	15-Jul-97	133329
O-360-A3A	030102-36A	21-May-97	132422
O-360-A3A	030237-36A	5-Aug-97	133292
O-360-A3A	030657-36A	18-Sep-97	V53790516
O-360-A3A	030906-36A	18-Sep-97	133316
O-360-A3A	031063-36A	2-Apr-98	V53792271
O-360-A3A	031609-36A	25-Nov-98	132463
O-360-A3A	031780-36A	28-Mar-97	132405
O-360-A3A	031828-36A	15-Dec-99	V53790701
O-360-A3A	032035-36A	24-Apr-98	V53792493
O-360-A3A	032503-36A	12-Aug-99	32874
O-360-A3A	034029-36A	26-Jan-98	V53792030
O-360-A3A	035579-36A	9-May-97	132691
O-360-A3A	035605-36A	19-May-97	132761
O-360-A3A	035606-36A	19-May-97	132767
O-360-A3A	035607-36A	19-May-97	132760
O-360-A3A	035635-36A	11-Jul-97	132899
O-360-A3A	035679-36A	21-Jul-97	133347
O-360-A3A	035681-36A	24-Jul-97	133355
O-360-A3A	035682-36A	23-Jul-97	133366
O-360-A3A	035684-36A	21-Jul-97	133346
O-360-A3A	035685-36A	24-Jul-97	133280
O-360-A3A	035687-36A	24-Jul-97	133326
O-360-A3A	035708-36A	20-Aug-97	133343
O-360-A3A	035741-36A	22-Sep-97	V5379772
O-360-A3A	035742-36A	22-Sep-97	V5379790
O-360-A3A	035773-36A	27-Sep-97	V5379491
O-360-A3A	035774-36A	2-Oct-97	V5379523
O-360-A3A	035775-36A	27-Sep-97	V5379492
O-360-A3A	035798-36A	24-Oct-97	V5379830
O-360-A3A	035809-36A	16-Oct-97	V53791210
O-360-A3A	035818-36A	19-Dec-97	V5379571
O-360-A3A	035888-36A	19-Dec-97	V5379534
O-360-A3A	036057-36A	25-Mar-98	V53792498
O-360-A4A	010028-36A	9-Apr-98	V53791666
O-360-A4A	010062-36A	26-Jun-97	132825
O-360-A4A	027745-36A	28-Oct-97	V53790565
O-360-A4A	028130-36A	28-Jun-97	132807
O-360-A4A	029202-36A	7-Jun-00	V53791667
O-360-A4A	029820-36A	27-Mar-97	132350
O-360-A4A	035524-36A	27-Mar-97	132300
O-360-A4A	035876-36A	1-Nov-97	V53791673
O-360-A4K	007275-36A	21-Apr-97	132398
O-360-A4K	019643-36A	16-Dec-98	132463
O-360-A4K	024619-36A	14-Mar-97	132291
O-360-A4K	025486-36A	21-Jul-97	132834
O-360-A4K	033800-36A	30-Apr-98	V53791702
O-360-A4M	001233-36A	22-Apr-97	132394
O-360-A4M	004403-36A	8-Sep-97	132618
O-360-A4M	004634-36A	15-Apr-97	132480
O-360-A4M	004849-36A	8-Apr-97	132401
O-360-A4M	004879-36A	22-Aug-97	132391
O-360-A4M	005000-36A	10-Apr-97	132387
O-360-A4M	005351-36A	8-Jul-97	132821
O-360-A4M	005921-36A	27-Aug-97	132477
O-360-A4M	005923-36A	25-Apr-97	132447

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Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-A4M	008225-36A	9-Apr-97	132468
O-360-A4M	009251-36A	9-Apr-97	132390
O-360-A4M	009278-36A	23-May-97	132464
O-360-A4M	012966-36A	26-Nov-99	V53790805
O-360-A4M	013415-36A	16-Feb-98	33426
O-360-A4M	013630-36A	3-Apr-97	132466
O-360-A4M	013855-36A	20-May-98	V53791696
O-360-A4M	016632-36A	23-May-97	32451
O-360-A4M	021407-36A	8-Sep-97	132392
O-360-A4M	022008-36A	7-Apr-97	132400
O-360-A4M	023686-36A	24-Oct-98	V53791222
O-360-A4M	025928-36A	10-Apr-97	132478
O-360-A4M	028728-36A	12-Sep-00	132833
O-360-A4M	028890-36A	25-Apr-97	132467
O-360-A4M	029091-36A	27-Jun-97	132813
O-360-A4M	030437-36A	29-Aug-97	132384
O-360-A4M	031159-36A	11-Apr-97	132395
O-360-A4M	031536-36A	27-Jun-97	132812
O-360-A4M	031609-36A	7-Apr-97	132463
O-360-A4M	032176-36A	11-Jun-97	132440
O-360-A4M	032369-36A	16-Jan-98	V53791694
O-360-A4M	032932-36A	25-Jun-97	132831
O-360-A4M	035509-36A	17-Mar-97	132295
O-360-A4M	035510-36A	29-Mar-97	132286
O-360-A4M	035511-36A	17-Mar-97	132288
O-360-A4M	035512-36A	21-Mar-97	132285
O-360-A4M	035514-36A	17-Mar-97	132294
O-360-A4M	035515-36A	21-Mar-97	132290
O-360-A4M	035516-36A	14-Mar-97	132299
O-360-A4M	035517-36A	18-Mar-97	132301
O-360-A4M	035518-36A	27-Mar-97	132298
O-360-A4M	035525-36A	13-Mar-97	132289
O-360-A4M	035526-36A	26-Mar-97	132293
O-360-A4M	035531-36A	25-Apr-97	132342
O-360-A4M	035532-36A	25-Apr-97	132354
O-360-A4M	035533-36A	25-Apr-97	132346
O-360-A4M	035534-36A	25-Apr-97	132358
O-360-A4M	035537-36A	25-Apr-97	132351
O-360-A4M	035538-36A	25-Apr-97	132357
O-360-A4M	035539-36A	25-Apr-97	132347
O-360-A4M	035541-36A	11-Apr-97	132355
O-360-A4M	035543-36A	27-Mar-97	132359
O-360-A4M	035544-36A	25-Apr-97	132396
O-360-A4M	035553-36A	3-Apr-97	132450
O-360-A4M	035554-36A	22-May-97	132442
O-360-A4M	035566-36A	15-May-97	132388
O-360-A4M	035570-36A	25-Apr-97	132449
O-360-A4M	035571-36A	8-May-97	132481
O-360-A4M	035572-36A	20-May-97	132476
O-360-A4M	035573-36A	21-May-97	132448
O-360-A4M	035574-36A	21-May-97	132479
O-360-A4M	035575-36A	21-May-97	132465
O-360-A4M	035576-36A	20-May-97	132443
O-360-A4M	035609-36A	21-May-97	132819
O-360-A4M	035610-36A	21-May-97	132808
O-360-A4M	035611-36A	21-May-97	132822
O-360-A4M	035612-36A	21-May-97	132802
O-360-A4M	035613-36A	21-May-97	132818
O-360-A4M	035614-36A	11-Jun-97	132816
O-360-A4M	035615-36A	11-Jun-97	132815
O-360-A4M	035616-36A	11-Jun-97	132837
O-360-A4M	035617-36A	11-Jun-97	132835
O-360-A4M	035618-36A	13-Jun-97	132828
O-360-A4M	035619-36A	9-Jun-97	132833
O-360-A4M	035620-36A	1-Jul-97	132836
O-360-A4M	035621-36A	13-Jun-97	132832
O-360-A4M	035636-36A	27-Jun-97	132804
O-360-A4M	035637-36A	20-Jun-97	132824
O-360-A4M	035638-36A	15-Jul-97	132806

Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-A4M	035646-36A	14-Jul-97	132829
O-360-A4M	035647-36A	5-Jun-97	132817
O-360-A4M	035652-36A	10-Jul-97	132810
O-360-A4M	035659-36A	23-Jul-97	132805
O-360-A4M	035663-36A	23-Jul-97	132830
O-360-A4M	035710-36A	23-Aug-97	132820
O-360-A4M	035722-36A	23-Aug-97	132794
O-360-A4M	035756-36A	22-Sep-97	V5379569
O-360-A4M	035757-36A	22-Sep-97	V5379560
O-360-A4M	035758-36A	25-Sep-97	V5379554
O-360-A4M	035759-36A	25-Sep-97	V5379454
O-360-A4M	035760-36A	25-Sep-97	V5379568
O-360-A4M	035761-36A	12-Sep-97	V5379574
O-360-A4M	035762-36A	18-Sep-97	V5379563
O-360-A4M	035763-36A	15-Sep-97	V5379575
O-360-A4M	035764-36A	18-Sep-97	V5379555
O-360-A4M	035765-36A	12-Sep-97	V5379562
O-360-A4M	035767-36A	18-Sep-97	V5379556
O-360-A4M	035768-36A	15-Sep-97	V5379559
O-360-A4M	035769-36A	15-Sep-97	V53790453
O-360-A4M	035778-36A	20-Oct-97	V5379553
O-360-A4M	035779-36A	9-Oct-97	V5379572
O-360-A4M	035780-36A	20-Oct-97	V53791016
O-360-A4M	035781-36A	9-Oct-97	V5379581
O-360-A4M	035784-36A	22-Oct-97	V5379582
O-360-A4M	035787-36A	9-Oct-97	V5379557
O-360-A4M	035788-36A	20-Oct-97	V53791015
O-360-A4M	035789-36A	22-Oct-97	V5379566
O-360-A4M	035796-36A	9-Oct-97	V5379564
O-360-A4M	035820-36A	7-Nov-97	V5379576
O-360-A4M	035822-36A	7-Nov-97	V5379558
O-360-A4M	035823-36A	7-Nov-97	V53791201
O-360-A4M	035824-36A	13-Nov-97	V53791207
O-360-A4M	035825-36A	7-Nov-97	V5379573
O-360-A4M	035826-36A	13-Nov-97	V53791219
O-360-A4M	035827-36A	7-Nov-97	V53791218
O-360-A4M	035829-36A	13-Nov-97	V5379583
O-360-A4M	035831-36A	19-Nov-97	V53791208
O-360-A4M	035837-36A	19-Nov-97	V53791214
O-360-A4M	035857-36A	19-Nov-97	V53791670
O-360-A4M	035858-36A	19-Nov-97	V53791220
O-360-A4M	035872-36A	23-Dec-97	V53791660
O-360-A4M	035875-36A	25-Nov-97	V53791678
O-360-A4M	035877-36A	22-Dec-97	V53791396
O-360-A4M	035887-36A	23-Dec-97	V53791691
O-360-A4M	035894-36A	16-Dec-97	V53791689
O-360-A4M	035903-36A	10-Dec-97	V53791704
O-360-A4M	035904-36A	10-Dec-97	V53791688
O-360-A4M	035905-36A	10-Dec-97	V53791693
O-360-A4M	035906-36A	10-Dec-97	V53791703
O-360-A4M	035908-36A	10-Dec-97	V53791698
O-360-A4M	035909-36A	23-Dec-97	V53791705
O-360-A4M	035910-36A	17-Dec-97	V53791701
O-360-A4M	035926-36A	29-Dec-97	V53791669
O-360-A4M	035927-36A	29-Dec-97	V53791675
O-360-A4M	035928-36A	29-Dec-97	V53791665
O-360-A4M	035932-36A	27-Jan-98	V53791663
O-360-A4M	035936-36A	30-Jan-98	V53791699
O-360-A4M	035964-36A	30-Jan-98	V53791695
O-360-A4M	035965-36A	30-Jan-98	V53791672
O-360-A4M	035966-36A	30-Jan-98	V53791664
O-360-A4M	035967-36A	27-Jan-98	V53791677
O-360-A4M	035973-36A	19-Feb-98	V53791662
O-360-A4M	035974-36A	19-Feb-98	V53791681
O-360-A4M	035975-36A	19-Feb-98	V53791668
O-360-A4M	035976-36A	19-Feb-98	V53791204
O-360-A4M	035977-36A	19-Feb-98	V53791676
O-360-A4M	035978-36A	19-Feb-98	V53791661
O-360-A4M	035982-36A	11-Feb-98	V53791674

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Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-A4M	035984-36A	11-Feb-98	V53791667
O-360-A4M	035985-36A	11-Feb-98	V53791209
O-360-A4M	035997-36A	19-Feb-98	V53791199
O-360-A4M	036002-36A	26-Feb-98	V53791217
O-360-A4M	036003-36A	26-Feb-98	V53791221
O-360-A4M	036005-36A	27-Feb-98	V53791202
O-360-A4M	036009-36A	10-Mar-98	V53791200
O-360-A4M	036014-36A	20-Mar-98	V53791712
O-360-A4M	036034-36A	10-Mar-98	V53791203
O-360-A4M	036041-36A	10-Mar-98	V53790451
O-360-A4M	036048-36A	16-Mar-98	V53791697
O-360-A4M	036049-36A	16-Mar-98	V53791714
O-360-A4M	036095-36A	16-Apr-98	V53792151
O-360-A4M	036096-36A	16-Apr-98	V53792150
O-360-A4M	036097-36A	22-Apr-98	V53792146
O-360-A4M	036114-36A	30-Apr-98	V53792153
O-360-A4M	036116-36A	30-Apr-98	V53792147
O-360-A4M	036119-36A	30-Apr-98	V53792148
O-360-A4M	036124-36A	2-May-98	V53792141
O-360-A4M	036190-36A	30-Jun-98	V53792138
O-360-A4M	036191-36A	30-Jun-98	V53792139
O-360-A4P	035640-36A	28-Jun-97	132826
O-360-A4P	035811-36A	22-Oct-97	V5379828
O-360-A4P	035817-36A	22-Oct-97	V5379745
O-360-C1F	035721-36A	18-Aug-97	133296
O-360-C1G	035580-36A	23-May-97	132655
O-360-C1G	035686-36A	26-Jul-97	133415
O-360-C1G	035730-36A	22-Aug-97	V53790829
O-360-C1G	036113-36A	27-Apr-98	V53792272
O-360-C2E	019134-36A	11-Feb-98	V53791592
O-360-C2E	023063-36A	30-Jul-98	132967
O-360-C2E	025425-36A	25-Jul-97	33384
O-360-C2E	027377-36A	24-Jul-00	132960
O-360-C2E	030866-36A	18-Dec-98	133405
O-360-C4F	035520-36A	25-Mar-97	132296
O-360-C4F	035521-36A	21-Mar-97	132287
O-360-C4F	035522-36A	21-Mar-97	132297
O-360-C4F	035528-36A	28-Mar-97	132348
O-360-C4F	035530-36A	18-Apr-97	132389
O-360-C4F	035561-36A	18-Apr-97	132386
O-360-C4F	035567-36A	18-Apr-97	132393
O-360-C4F	035568-36A	7-May-97	132441
O-360-C4F	035569-36A	7-May-97	132462
O-360-C4F	035622-36A	6-Jun-97	132803
O-360-C4F	035623-36A	6-Jun-97	132809
O-360-C4F	035790-36A	10-Oct-97	V5379561
O-360-C4F	035807-36A	17-Oct-97	V53791004
O-360-C4F	035898-36A	11-Dec-97	V53790570
O-360-C4F	035899-36A	10-Dec-97	V53791679
O-360-C4F	035934-36A	16-Jan-98	V53791685
O-360-C4F	035935-36A	20-Jan-98	132397
O-360-C4F	035969-36A	27-Jan-98	V53791690
O-360-C4F	035983-36A	9-Feb-98	V53791659
O-360-C4F	036134-36A	22-May-98	V53790567
O-360-C4F	036348-36A	22-Sep-98	V53792132
O-360-C4F	036349-36A	22-Sep-98	V53792135
O-360-C4P	035513-36A	21-Mar-97	132292
O-360-C4P	035582-36A	15-May-97	132444
O-360-C4P	035641-36A	23-Jun-97	132811
O-360-C4P	035902-36A	11-Dec-97	V53791658
O-360-C4P	035933-36A	26-Jan-98	V53791671
O-360-C4P	035990-36A	26-Feb-98	V53791692
O-360-C4P	036069-36A	1-Apr-98	V53791715
O-360-C4P	036098-36A	30-Apr-98	V53792140
O-360-C4P	036115-36A	12-May-98	V53792136
O-360-C4P	036118-36A	12-May-98	V53792145
O-360-C4P	036494-36A	25-Nov-98	V53792133
O-360-F1A6	026367-36A	17-Dec-97	V53791737
O-360-F1A6	035619-36A	21-Sep-00	132833

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O-360-J2A	035488-36A	17-Mar-97	132260
O-360-J2A	035489-36A	24-Mar-97	132273
O-360-J2A	035490-36A	11-Mar-97	132271
O-360-J2A	035491-36A	13-Mar-97	132237
O-360-J2A	035492-36A	17-Mar-97	132246
O-360-J2A	035493-36A	13-Mar-97	132262
O-360-J2A	035494-36A	13-Mar-97	132272
O-360-J2A	035495-36A	11-Mar-97	132250
O-360-J2A	035497-36A	21-Mar-97	132252
O-360-J2A	035498-36A	24-Mar-97	132265
O-360-J2A	035499-36A	26-Mar-97	132236
O-360-J2A	035502-36A	26-Mar-97	132247
O-360-J2A	035503-36A	24-Mar-97	132266
O-360-J2A	035505-36A	21-Mar-97	132253
O-360-J2A	035507-36A	17-Mar-97	132256
O-360-J2A	035508-36A	21-Mar-97	132239
O-360-J2A	035546-36A	29-Mar-97	132435
O-360-J2A	035551-36A		132409
O-360-J2A	035552-36A	14-Apr-97	132439
O-360-J2A	035555-36A		132416
O-360-J2A	035556-36A	14-Apr-97	132429
O-360-J2A	035557-36A		132382
O-360-J2A	035558-36A	14-Apr-97	132423
O-360-J2A	035559-36A	21-Apr-97	132434
O-360-J2A	035560-36A	25-Apr-97	132376
O-360-J2A	035562-36A	21-Apr-97	132430
O-360-J2A	035563-36A	21-Apr-97	132411
O-360-J2A	035564-36A	25-Apr-97	132432
O-360-J2A	035565-36A	25-Apr-97	132431
O-360-J2A	035583-36A	13-May-97	132679
O-360-J2A	035584-36A	13-May-97	132678
O-360-J2A	035585-36A	13-May-97	132693
O-360-J2A	035586-36A	19-May-97	132684
O-360-J2A	035587-36A	13-May-97	132690
O-360-J2A	035588-36A	19-May-97	132725
O-360-J2A	035589-36A	13-May-97	132709
O-360-J2A	035590-36A	19-May-97	132728
O-360-J2A	035591-36A	13-May-97	132731
O-360-J2A	035596-36A	21-May-97	132730
O-360-J2A	035597-36A	21-May-97	132702
O-360-J2A	035604-36A	21-May-97	132733
O-360-J2A	035642-36A	11-Jun-97	132918
O-360-J2A	035643-36A	9-Jun-97	132945
O-360-J2A	035645-36A	9-Jun-97	132912
O-360-J2A	035648-36A	11-Jun-97	132941
O-360-J2A	035649-36A	11-Jun-97	132934
O-360-J2A	035650-36A	13-Jun-97	132946
O-360-J2A	035651-36A	23-Jun-97	132920
O-360-J2A	035653-36A	23-Jun-97	132937
O-360-J2A	035654-36A	13-Jun-97	132930
O-360-J2A	035655-36A	9-Jun-97	132936
O-360-J2A	035656-36A	23-Jun-97	132922
O-360-J2A	035657-36A	11-Jun-97	132935
O-360-J2A	035658-36A	11-Jun-97	132911
O-360-J2A	035695-36A		133365
O-360-J2A	035697-36A		133367
O-360-J2A	035699-36A		V53790715
O-360-J2A	035700-36A	23-Sep-97	V53790452
O-360-J2A	035701-36A		V53790713
O-360-J2A	035703-36A	11-Aug-97	133410
O-360-J2A	035704-36A	11-Aug-97	133401
O-360-J2A	035705-36A	21-Aug-97	133308
O-360-J2A	035734-36A	29-Aug-97	133300
O-360-J2A	035735-36A	29-Aug-97	133400
O-360-J2A	035736-36A	29-Aug-97	V53790454
O-360-J2A	035740-36A	27-Sep-97	133389
O-360-J2A	035752-36A	15-Sep-97	V5379697
O-360-J2A	035766-36A	23-Sep-97	V5379785
O-360-J2A	035771-36A	19-Sep-97	V5379548

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Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-J2A	035772-36A	23-Sep-97	V5379735
O-360-J2A	035776-36A	27-Sep-97	V5379681
O-360-J2A	035800-36A	21-Oct-97	V5379993
O-360-J2A	035801-36A	17-Oct-97	V5379696
O-360-J2A	035802-36A	14-Oct-97	V53791148
O-360-J2A	035803-36A	10-Oct-97	V5379714
O-360-J2A	035805-36A	14-Oct-97	V5379822
O-360-J2A	035812-36A	21-Oct-97	V5379515
O-360-J2A	035813-36A	21-Oct-97	V5379740
O-360-J2A	035815-36A	24-Oct-97	V53791010
O-360-J2A	035834-36A	3-Nov-97	V5379747
O-360-J2A	035840-36A	20-Nov-97	V53791124
O-360-J2A	035842-36A	3-Nov-97	V53791143
O-360-J2A	035843-36A	11-Nov-97	V5379507
O-360-J2A	035848-36A	3-Nov-97	V53791011
O-360-J2A	035853-36A	11-Nov-97	V5379989
O-360-J2A	035854-36A	10-Nov-97	V53791461
O-360-J2A	035856-36A	11-Nov-97	V53791471
O-360-J2A	035861-36A	17-Nov-97	V53791505
O-360-J2A	035866-36A	20-Nov-97	V53791498
O-360-J2A	035867-36A	17-Nov-97	V53791465
O-360-J2A	035868-36A	17-Nov-97	V53791141

Engine Model	Engine S/N	Ship Date	C'shaft S/N
O-360-J2A	035896-36A	10-Dec-97	V53790707
O-360-J2A	035917-36A	19-Dec-97	V53791140
O-360-J2A	035918-36A	23-Dec-97	V53791610
O-360-J2A	035922-36A	22-Dec-97	V53791644
O-360-J2A	035942-36A	20-Jan-98	V53791599
O-360-J2A	035951-36A	27-Jan-98	V53792035
O-360-J2A	035952-36A	27-Jan-98	V53791992
O-360-J2A	035954-36A	27-Jan-98	V53792009
O-360-J2A	035955-36A	27-Jan-98	V53792013
O-360-J2A	035962-36A	27-Jan-98	V53792018
O-360-J2A	035963-36A	27-Jan-98	V53792005
O-360-J2A	035981-36A	17-Feb-98	V53792016
O-360-J2A	035988-36A	9-Feb-98	V53791640
O-360-J2A	035993-36A	17-Feb-98	V53792003
O-360-J2A	036022-36A	10-Mar-98	V53792268
O-360-J2A	036042-36A	10-Mar-98	V53792014
O-360-J2A	036043-36A	19-Mar-98	V53792259
O-360-J2A	036061-36A	24-Mar-98	V53792491
O-360-J2A	036063-36A	26-Mar-98	V53792279
O-360-J2A	036065-36A	26-Mar-98	V53792503
O-360-J2A	036121-36A	2-May-98	V53792492
O-360-J2A	037280-36A	24-Jan-00	132913

NOTE

This list of participating facilities is effective as of the date of this Service Bulletin and is subject to change without notice.

DOMESTIC FACILITIES:

ALASKA

Av Alaska
4340 Post Mark Drive
Anchorage, AK 94558
Phone No.: 907-248-7070
Fax No.: 907-248-7771

ARIZONA

Cutter Aviation Inc.
530 West Deer Valley Road
Phoenix, AZ 85027
Phone No.: 623-581-1444
Fax No.: 623-581-1555

Swift Aviation
2602 E. Sky Harbor Blvd.
Phoenix, AZ 85034
Phone No.: 602-273-3760
Fax No.: 602-273-3773

CALIFORNIA

Bravo Aviation
3409 A/P Drive, Hangar C
Torrance, CA 90505
Phone No.: 310-325-1451
Fax No.: 310-325-8297

Bridgefords Flying Services
2030 Airport Road
Napa, CA 94558
Phone No.: 707-224-0887
Fax No.: 707-257-7770

Cutter Aviation Inc.
2100 Donald Douglas Loop North
Santa Monica, CA 90405
Phone No.: 310-399-0480
Fax No.: 310-399-0551

Hummingbird Rotorwing Service, Inc.
10410 Weddington Street
North Hollywood, CA 91601
Phone No.: 818-897-1995
Fax No.: 818-897-8185

Ly Con Rebuilders Inc.
8231 West Doe Avenue
Visalia, CA 93294
Phone No.: 559-651-1070
Fax No.: 559-651-3212

Tom's Aircraft Maintenance
2641 Spring St.
Long Beach, CA 90806
Phone No.: 562-426-5331
Fax No.: 562-426-1052

COLORADO

Windsong Aviation
11750 Airport Way
Broomfield, CO 80021
Phone No.: 303-469-5858
Fax No.: 303-469-0948

CONNECTICUT

Columbia Aircraft Services
Groton New London Airport
Groton, CT 06340
Phone No.: 860-449-1257
Fax No.: 860-449-9924

DELAWARE

Summit Aviation
Rt. 896 S., Summit Airport
Middletown, DE 19709
Phone No.: 800-441-9343
Fax No.: 302-378-7035

FLORIDA

Air Orlando Maintenance Inc.
321 N. Crystal Lake Drive
Orlando, FL 32803
Phone No.: 407-897-3819
Fax No.: 407-897-1373

Cav Air Inc.
5540 NW 21st Terrace, Bldg. 9
Fort Lauderdale, FL 33309
Phone No.: 954-491-5071
Fax No.: 954-771-4692

Flightline Group Inc.
3256 Capital Circle SW
Tallahassee, FL 32310
Phone No.: 850-547-4444
Fax No.: 850-576-4210

Heliflight Inc.
2765 NW 56th Street, Hangar 51
Fort Lauderdale, FL 33309
Phone No.: 954-771-6969
Fax No.: 954-938-9317

Sun Aviation Inc.
3106 Cherokee Road
Vero Beach, FL 32961
Phone No.: 561-562-9257 x610
Fax No.: 561-562-5369

GEORGIA

Hill Aircraft & Leasing Group
3948 Aviation Circle
Atlanta, GA 30336
Phone No.: 404-691-3330
Fax No.: 404-696-3922

ILLINOIS

J A Air Center
3 N060 Powis Road
West Chicago, IL 60185
Phone No.: 630-584-3200
Fax No.: 630-443-0169

Premier Air Center Inc.
18 Terminal Drive
East Alton, IL 62024
Phone No.: 618-259-3230
Fax No.: 618-259-7954

INDIANA

Muncie Aviation Company
5201 North Walnut Street
Muncie, IN 47303
Phone No.: 800-289-7141
Fax No.: 765-289-0145

IOWA

Des Moines Flying Service Inc.
5600 Fleur Drive
Des Moines, IA 50315
Phone No.: 515-256-5300
Fax No.: 515-256-5359

KANSAS

Kansas City Aviation Center Inc.
151st Street and Pflumm Road
Olathe, KS 66062
Phone No.: 913-782-0530
Fax No.: 913-324-1279

Kansas Copters & Wings Inc.
4800 W. Beech Drive, Suite 8
Agusta, KS 67010-9301
Phone No.: 316-733-0109
Fax No.: 316-733-0133

Mid-West Corporate Aviation
3512 N. Webb Road
Wichita, KS 67226
Phone No.: 316-636-9700
Fax No.: 316-636-9730

LOUISIANA

Louisiana Aircraft Inc.
4421 Chuck Yeager Blvd.
Baton Rouge, LA 70807
Phone No.: 225-356-1401
Fax No.: 225-357-2236

MARYLAND

Frederick Aviation Inc.
330 Aviation Way
Frederick, MD 21701
Phone No.: 310-662-8156
Fax No.: 310-662-3101

MASSACHUSETTS

Mercury Air Center
Hangar 1727, Hanscom Field
Bedford, MA 01730
Phone No.: 781-274-9958
Fax No.: 781-274-9781

Shoreline Aviation & Marine Inc.
Marshfield Municipal Airport
Marshfield, MA 02050
Phone No.: 781-834-4928
Fax No.: 781-837-5103

MICHIGAN

Suburban Aviation
4383 Section Road
Ottawa Lake, MI 49267
Phone No.: 734-856-6103
Fax No.: 734-856-7389

MISSISSIPPI

Douglas Aviation
11299 Airport Road
Olive Branch, MS 38654
Phone No.: 901-521-1123
Fax No.: 662-895-1263

DOMESTIC FACILITIES (CONT.)

Vortex Helicopters
7120 Jones Truck Line Road
Long Beach, MS 39560
Phone No.: 228-864-7357
Fax No.: 228-864-5850

NORTH CAROLINA

Triad Aviation
3439 South Aviation Drive
Burlington, NC 27215
Phone No.: 336-227-1467
Fax No.: 336-227-1258

NEVADA

Ron's Aircraft
2810 Perimeter Road
Las Vegas, NV 89032
Phone No.: 702-646-6191
Fax No.: 702-646-2744

NEW JERSEY

Lincoln Park Aviation
425 Beaver Brook Road
Lincoln, NJ 07035
Phone No.: 973-633-0450
Fax No.: 973-872-6256

OHIO

Allstar Helicopter
433 N. Dixie Drive
Vandalia, OH 45377
Phone No.: 937-898-8200
Fax No.: 937-898-8288

OKLAHOMA

D&B Aircraft Engines
5508 N. Rockwell
Bethany, OK 73008
Phone No.: 405-495-0457
Fax No.: 405-495-9021

OREGON

Flightcraft Inc.
90454 Boeing Drive
Eugene, OR 97420
Phone No.: 541-688-9291
Fax No.: 541-688-5749

Hillsboro Aviation Inc.
3565 NE Cornell Road
Hillsboro, OR 97124
Phone No.: 503-648-2831
Fax No.: 503-648-1886

PENNSYLVANIA

Bun Air
697 Belden Road
Bedford, PA 15522
Phone No.: 814-623-8171
Fax No.: 814-623-8173

TEXTRON LYCOMING SERVICE CENTER

400 Airport Road
Montoursville, PA 17754
Phone No.: 570-327-7308
Fax No.: 570-368-2735

TENNESSEE

Signature Combs Aircraft Sales Inc.
2540 Winchester Road
Memphis, TN 38116
Phone No.: 901-345-4744
Fax No.: 901-345-4785

TEXAS

Cutter Aviation
367 Sandau Road
San Antonio, TX 78216
Phone No.: 210-340-6780
Fax No.: 210-340-8804

HELICOPTER EXPERTS INC.

9623 West Terminal Drive, Hangar 5
San Antonio, TX 78216
Phone No.: 210-930-0125
Fax No.: 210-930-0126

HOWELL'S AIRCRAFT SERVICES

3122 Great SW Parkway
Grand Prairie, TX 75052
Phone No.: 972-988-8609
Fax No.: 972-641-1438

Julie's Air Service
El Paso Airport
El Paso, TX 79925
Phone No.: 915-722-2900
Fax No.: 915-779-8822

SUGAR LAND JET CENTER

12888 Highway 6 S.
Sugar Land, TX 77478
Phone No.: 281-242-2292
Fax No.: 281-242-2241

UTAH

Great Western Aviation
3911 Airport Road
Ogden, UT 84405
Phone No.: 801-394-3400
Fax No.: 801-394-9563

INTERMOUNTAIN AIR LLC

310 North 2370 West
Salt Lake City, UT 84116
Phone No.: 800-433-9617
Fax No.: 801-521-6534

VIRGINIA

Virginia Aviation
PO Box 4209, Lynchburg Regional
Lynchburg, VA 24502
Phone No.: 804-237-8438
Fax No.: 804-237-8433

WASHINGTON

Classic Helicopter Corp.
6505 Perimeter Road S. Boeing Field
Seattle, WA 98108
Phone No.: 206-767-0515
Fax No.: 206-767-4018

GALVIN FLYING SERVICE

7149 Perimeter Road
Seattle, WA 98108
Phone No.: 206-763-0305
Fax No.: 206-762-7242

INTERNATIONAL FACILITIES:

AUSTRIA

Diamond Aircraft Industries GmbH
NA Otto Str. 5
2700 Weiner Neustadt, Austria 2700
Phone No.: 43-2622-2670080
Fax No.: 43-2622-2670084

CANADA

Airborne Energy Solutions
Hangar #1, Whitecourt Airport
Whitecourt, Alberta, Canada T7S1P1
Phone No.: 780-778-3080
Fax No.: 780-778-6652

Brampton Flying Club
RR #1
Cheltenham, Ontario, Canada L0P 1C0
Phone No.: 905-838-1400
Fax No.: 905-838-3612

Calgary Aircraft Service Centre
2620 21 Street NE
Calgary, Alberta, Canada T2E 7L3
Phone No.: 403-291-9393
Fax No.: 403-291-2989

E&B Helicopters LTD
2595 N Island Highway
Campbell River, Canada V9W 6Y4
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Fax No.: 250-287-4352

Progressive Air Services Ltd.
2965 Airport Drive
Kamloops, Canada V2B 7W8
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Fax No.: 250-376-1995

DENMARK

Air Alpha A/S Odense Airport
Box 630, Odense Airport
Odense N., Denmark DK-5270
Phone No.: 45-65-955-454
Fax No.: 45-65-955-467

FINLAND

Konekorhonen
Jyvaskyla Airport
Tikkakoski, Finland 41161
Phone No.: 358-19-426-7600
Fax No.: 358-19-431175

FRANCE

France Aviation
Aeroport Toussus-le-Noble
Toussus-le-Noble, France F-78117
Phone No.: 33-1-39-56-80-50
Fax No.: 33-1-39-56-11-52

Rectimo Aviation
Aeroport De Chambéry
Viviers Du Lac, France F-73420
Phone No.: 33-4-79-520000
Fax No.: 33-79-54-45-27

GERMANY

Air Lloyd GmbH
Richthofenstrabe 124 Flugplatz Bonn H
Sankt Augustin, Germany D-53757
Phone No.: 49-2241-9270
Fax No.: 49-2241-927955

Heli Flight GmbH & Co.
Flugplatz
Reichelsheim, Germany 61203
Phone No.: 49-6035-91000
Fax No.: 49-6035-2826

Piper Generalvertretung Deutschland AG
Flughafen Kassel
Calden 1, Germany D-34379
Phone No.: 49-5674-70401
Fax No.: 49-5674-70444

Roeder Praezision GMBH
Flugplatz
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Fax No.: 49-6103-400217

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Euro Tech SRL
Via Valeriana 8
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NEW ZEALAND

Flightline Aviation Limited
Ardmore Aerodrome, Airfield Road
Papakura-Auckland, New Zealand NZ2501
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Fax No.: 64-9-299-9770

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OGMA Lisbon
2615 Alverca do
Ribatejo, Portugal
Phone No.: 351-1-958-1000
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SOUTH AFRICA

Placo Pty Ltd.
PO Box 18017, Rand Airport
Germiston, South Africa 1419
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SWEDEN

Saab Nyge Aero Nykoeping
Box 321
Nykoeping, Sweden S-611 27
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Fax No.: 46-155-26-72-52

SWITZERLAND

Aeromeccanica SA
Aeroporito Cantonale de Locarno
Gordola, Switzerland CH-6596
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Fax No.: 41-91-745-44-44

Heliswiss Bern Airport
Bern Airport
Belp, Switzerland CH-3123
Phone No.: 41-31-818-88-32
Fax No.: 41-31-818-88-39

Mecanair SA
Aerodrome
Ecuvillens, Switzerland CH-1730
Phone No.: 41-26-411-92
Fax No.: 41-26-411-92-39

Zimex Aviation
Zurich Airport, PZ 8058
Zurich, Switzerland
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Fax No.: 41-1-815-5341

UNITED KINGDOM

Heli Air Ltd.
Wellesbourne Airfield
Nr. Warwick, United Kingdon CV35 9EU
Phone No.: 44-1789-470-476
Fax No.: 44-1789-470-466

Signature Aircraft Engineering Oxford
Oxford Airport
Kidlington, Oxford, England OX5 1RA
Phone No.: 44-1-865-841-234
Fax No.: 44-1-865-37-91-23

Sloane Helicopters Ltd.
The Business Aviation Centre/Sywell A
Northampton, United Kingdom NN6 OBN
Phone No.: 44-1604-790595
Fax No.: 44-1604-790988